



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 077319/0125

#74B

In re patent application of  
David W. LEUNG et al.  
Serial No. 08/842,827  
Filed: April 17, 1997  
For: HUMAN PHOSPHATIDIC ACID PHOSPHATASE

Group Art Unit: 1814  
Examiner: R. Prouty

3/1/98

AMENDMENT AND REQUEST FOR RECONSIDERATION  
UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED

Sir:

MAR 9 1998

This is in reply to the Office Action mailed December 12, 1997.  
1997. Please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claim 5 as follows:

5. (Amended) A method of dephosphorylating a substrate comprising recombinantly producing a human phosphatidic acid phosphatase protein and contacting said substrate with an effective amount of [isolated] said recombinantly produced human phosphatidic acid phosphatase protein such that said protein catalyzes the dephosphorylation of said substrate.

Please add claim 13 as follows:

-- 13. A method of dephosphorylating a substrate comprising contacting said substrate with an effective amount of isolated human phosphatidic acid phosphatase protein such that said protein catalyzes the dephosphorylation of said substrate, wherein said substrate is selected from the group consisting of lysophosphatidic acid, ceramide 1-phosphate, and sphingosine 1-phosphate.



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David WADDELL et al.

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MAR 9 1998

Assistant Commissioner for Patents  
Washington, D.C. 20231MATRIX CUSTOMER  
SERVICE CENTER

Sir:

Transmitted herewith is an Amendment in the above-captioned application. The fee has been calculated as shown below. (Small entity fees indicated in parentheses.)

CLAIMS AS AMENDED						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Claims Remaining After Amendment		Highest Number Previously Paid For	Extra Claims	Rate	Fee
<b>Total Claims</b>	13	-	20	0	22.00	0.00
(Small Entity)					(11.00)	
<b>Independent claims</b>	5	-	4	1	82.00	\$41.00
(Small Entity)					(41.00)	
<b>Multiple Dependent</b>	0	-	0	0	270.00	0.00
(Small Entity)					(135.00)	
<b>Extension of Time</b>						
One Month		Two Months		Three Months		
<b>Fee</b>	\$110	\$400	\$950			0.00
(Small Entity)	(\$55)	(\$200)	(\$475)			
<b>Total</b>						\$41.00

A check in the amount of the above Total Fee is attached. This amount is believed to be correct; however, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 19-0741.

Respectfully submitted,

Ronald J. Kamis  
Reg. No. 41,104

03/05/1998 ASSEMBLY 00000127 08842827  
01 FC:202 41.00 op  
Date: March 3, 1998

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